

ADVANCED PEOPLE SENSOR

APS-90-OUTDOOR



More features - easier installation
The next generation of counting sensors

EASY INSTALLATION AND CONFIGURATION

- + Accessories for simple surface, flush or wall mount
- + Suitable for any lighting condition
- + Automatic detection of installation height
- + Local product installation / remote configuration

MAXIMUM ACCURACY IN ALL APPLICATIONS

- + Monitored area up to 20 m² (220 sq ft) / up to 10 counting lines
- + Coverage of multiple counting points with a single device
- + Accuracy of at least 98 % even in crowded areas

OBJECT CLASSIFICATION

- + Separate counting results for adults and children
- + Classification of non-human objects such as shopping carts
- + Suppression of false counts due to non-person objects

ZONE MONITORING

- + Up to 8 individual zones of polygonal shape
- + Fill level, dwell time and waiting time per zone
- + Suitable for automatic queue and cash register management

WIRELESS SERVICES

- + Bluetooth and Wi-Fi device scanning
- + Wireless access to the web-based configuration tool
- + Wireless data transmission

RELIABLE DATA

- + Synchronous recording of video and motion data
- + Proprietary software to view video and motion data
- + Offline verification of counting accuracy and behavioral data

TECHNICAL DATA

Operating voltage	Power-over-Ethernet (PoE-version) 24V DC (Non-PoE-version)
Power consumption	approx. 5 W
Operating temperature	-25°C ... +70°C (-13°F ... +158°F)
Storage temperature	-40°C ... +85°C (-40°F ... +185°F)
Dimensions	141 mm x 98 mm x 35 mm (5.6 in x 3.9 in x 1.4 in)
Weight	440 g (15.5 oz)
Ingress protection	IP65 (DIN IEC 60529)
EMC	CE, FCC
Housing	Aluminum and plastics
Installation height	2.00 m ... 3.50 m (6.5 ft ... 12 ft)
Monitored area	Up to 4 m x 5 m (13 ft x 17 ft) (depends on installation height)
Required illuminance	3 lux
Reliability	MTBF 500,000 h Useful life >10 years
INTERFACES	
Ethernet	1000BaseT, PoE, RJ45 socket
Communication protocols	SOAP/XML, HTTP, FTP, REST other IP-based services and custom protocols possible
Digital inputs / outputs	2 inputs / 1 output (PoE-version) 1 input / 1 output (Non-PoE-version)
Setup / service	Integrated web interface
On-board data storage	8 GB